

AMENDMENTS TO THE CLAIMS:

1. **(Currently Amended)** A ~~colourcolor~~ electroluminescent-EL-(EL) display device comprising:

an array of pixels-(11);

wherein:

wherein each pixel (11)-comprises two separate sub-pixels for each (11)-of two or more main ~~colours; colors,~~

for at least one of the main colours, the pixels (11) comprise first sub-pixels (R_L, G_L, B_L) of the main colour-a first separate sub-pixel comprising a first EL material and a second separate sub-pixel having the same color as the first separate sub-pixel sub-pixels (R_C, G_C, B_C) of the main colour comprising a second EL material;

wherein the first EL material is of a higher lifetime than the second EL material; and material,

the second EL material has a betterhigher ~~colourcolor~~ point and/or betterhigher ~~colourcolor~~ rendition properties than the first EL material; and

wherein the sub-pixels of the two or more main colors of the first EL material are arranged in a first row, and the sub pixels of the two or more main colors of the second EL material are arranged in a second row directly under the first row forming columns, wherein sub-pixels of a same main color are in a same column.

2. **(Currently Amended)** A display device according to claim 1, wherein each pixel (11)-comprises a said first sub-pixel (R_L, G_L, B_L) of the main ~~colourcolor~~ comprising a first EL material and a said second sub-pixel (R_C, G_C, B_C) of the main ~~colourcolor~~ comprising a second EL material.

3. **(Currently Amended)** A display device according to claim 2, further comprising circuitry (12)-arranged to drive the display device such that when a ~~colourcolor~~ or ~~colourcolor~~ hue to be displayed by the pixel can be provided with a sufficient ~~colourcolor~~ contribution of the main ~~colourcolor~~ of the first and second sub-pixels by driving the first sub-pixel (R_L, G_L, B_L)-without driving the second sub-pixel-(R_C, G_C, B_C), then the first

sub-pixel ($R_{L_1}, G_{L_1}, B_{L_1}$) is driven but not the second sub-pixel ($R_{C_1}, G_{C_1}, B_{C_1}$); and further arranged such that when the ~~colourcolor~~ or ~~colourcolor~~ hue to be displayed cannot be provided with a sufficient ~~colourcolor~~ contribution of the main ~~colourcolor~~ of the first and second sub-pixels by driving the first sub-pixel ($R_{L_1}, G_{L_1}, B_{L_1}$) without driving the second sub-pixel ($R_{C_1}, G_{C_1}, B_{C_1}$) then the second sub-pixel ($R_{C_1}, G_{C_1}, B_{C_1}$) is driven.

4. **(Currently Amended)** A display device according to claim 3, wherein the driving circuitry (12) is arranged such that, when the ~~colourcolor~~ or ~~colourcolor~~ hue to be displayed cannot be provided with a sufficient ~~colourcolor~~ contribution of the main ~~colourcolor~~ of the first and second sub-pixels by driving the first sub-pixel ($R_{L_1}, G_{L_1}, B_{L_1}$) without driving the second sub-pixel ($R_{C_1}, G_{C_1}, B_{C_1}$), then the second sub-pixel ($R_{C_1}, G_{C_1}, B_{C_1}$) is driven in addition to driving the first sub-pixel ($R_{L_1}, G_{L_1}, B_{L_1}$).

5. **(Currently Amended)** A display device according to claim 3, wherein the driving circuitry (12) is arranged such that, when the ~~colourcolor~~ or ~~colourcolor~~ hue to be displayed cannot be provided with a sufficient ~~colourcolor~~ contribution of the main ~~colourcolor~~ of the first and second sub-pixels by driving the first sub-pixel ($R_{L_1}, G_{L_1}, B_{L_1}$) without driving the second sub-pixel ($R_{C_1}, G_{C_1}, B_{C_1}$), then the second sub-pixel ($R_{C_1}, G_{C_1}, B_{C_1}$) is driven instead of driving the first sub-pixel ($R_{L_1}, G_{L_1}, B_{L_1}$).

6. **(Currently Amended)** A display device according to claim 1, wherein, for each of the main ~~colourscolors~~, the pixels comprise first sub-pixels ($R_{L_1}, G_{L_1}, B_{L_1}$) of the main ~~colourcolor~~ comprising a first EL material and second sub-pixels ($R_{C_1}, G_{C_1}, B_{C_1}$) of the main ~~colourcolor~~ comprising a second EL material;

the first EL material is of a higher lifetime than the second EL material; and
the second EL material has a ~~betterhigher~~ ~~colourcolor~~ point and/or ~~betterhigher~~ ~~colourcolor~~ rendition properties than the first EL material.

7. **(Currently Amended)** A display device according to claim 1, wherein, for only the main ~~eeourcolor~~ blue, the pixels comprise first blue sub-pixels (B_L) comprising a first EL material and second blue sub-pixels (B_C) comprising a second EL material;

the first EL material is of a higher lifetime than the second EL material; and

the second EL material has a ~~betterhigher eeourcolor~~ point and/or ~~betterhigher eeourcolor~~ rendition properties than the first EL material.

8. **(Currently Amended)** A display device according to claim 7-when dependent from claim 1, wherein some of the pixels comprise a said first blue sub-pixel (B_L) and not a said second blue sub-pixel (B_C); and the remaining pixels comprise a said second blue sub-pixel (B_C) and not a said first blue sub-pixel (B_L).

9. **(Currently Amended)** A display device according to claim 1, wherein the main ~~eeours-colors~~ are red, green and blue.

10. **(Currently Amended)** A method of driving a ~~eeourcolor~~ electroluminescent, EL, display device, comprising:

determining whether a sufficient ~~eeourcolor~~ contribution to a ~~eeourcolor~~ hue to be displayed can be provided by a first sub-pixel (R_L, G_L, B_L) of a pair of ~~eeourcolor~~ sub-pixels of a ~~givensame eeourcolor~~, wherein the first sub-pixel (R_L, G_L, B_L) of the pair comprises a first EL material and the second sub-pixel (R_C, G_C, B_C) of the pair comprises a second EL material, the first EL material being of a higher lifetime than the second EL material, and the second EL material having ~~betterhigher eeourcolor~~ points and/or ~~betterhigher eeourcolor~~ rendition properties than the first EL material, wherein the first sub-pixel of the first EL material is arranged in a first row, and the second sub pixel of the second EL material is arranged in a second row directly under the first row, thereby forming a column of the same color;

if a sufficient ~~eeourcolor~~ contribution can be provided, driving the first sub-pixel (R_L, G_L, B_L) but not the second sub-pixel (R_C, G_C, B_C); and

if a sufficient ~~eeourcolor~~ contribution cannot be provided, driving the second sub-pixel (R_C, G_C, B_C).

11. **(Currently Amended)** A method according to claim 10, wherein, if a sufficient ~~colourcolor~~ cannot be provided, the step of driving the second sub-pixel (R_C, G_C, B_C) is performed in addition to driving the first sub-pixel (R_L, G_L, B_L)—such that both the first and second sub-pixel make a ~~colourcolor~~ contribution to the ~~colourcolor~~ hue to be displayed.
12. **(Currently Amended)** A method according to claim 10, wherein, if a sufficient ~~colourcolor~~ cannot be provided, the step of driving the second sub-pixel (R_C, G_C, B_C) is performed instead of driving the first sub-pixel (R_L, G_L, B_L)—such that the second sub-pixel (R_C, G_C, B_C) makes a ~~colourcolor~~ contribution to the ~~colourcolor~~ hue to be displayed but the first sub-pixel (R_L, G_L, B_L)—does not make a contribution to the ~~colourcolor~~ hue to be displayed.
13. **(Currently Amended)** A display device according to claim 1, wherein the ~~colourcolor~~ of any pixel of the second sub-pixels is the same color as a pixel in the first sub-pixels.
14. **(Currently Amended)** A driver for a ~~colourcolor~~ electroluminescent (EL) display device, comprising:
- a means for determining whether a sufficient ~~colourcolor~~ contribution to a ~~colourcolor~~ hue to be displayed can be provided by a first sub-pixel (R_L, G_L, B_L) of a pair of ~~colourcolor~~ sub-pixels of a given same colourcolor, wherein the first sub-pixel (R_L, G_L, B_L) of the pair comprises a first EL material and the second sub-pixel (R_C, G_C, B_C) of the pair comprises a second EL material, the first EL material being of a higher lifetime than the second EL material, and the second EL material having betterhigher colourcolor points and/or betterhigher colourcolor rendition properties than the first EL material, wherein the first sub-pixel of the first EL material is arranged in a first row, and the second sub pixel of the second EL material is arranged in a second row directly under the first row, thereby forming a column of the same color;
- a means for driving the first sub-pixel (R_L, G_L, B_L)—but not the second sub-pixel

(R_C, G_C, B_C) —when a sufficient ~~colour~~color contribution can be provided by the first sub-pixel of a pair of ~~colour~~color sub-pixels of a ~~given~~same color, and

a means for driving the second sub-pixel (R_C, G_C, B_C) —when a sufficient ~~colour~~color contribution cannot be provided.